

in 2K Epoxy

Solvent based coatings

Sudarshan formulation No. 421-06

Rev. Number: 01.01

07/06

Function	Product	Producer	PBW
Component A			
Epoxy resin	BECKOPOX® EP 301/75X	Allnex	21.50
Epoxy resin	BECKOPOX® EP 116	Allnex	1.10
Glycol ether	DOWANOL™ PM	Dow	6.20
Solvent	Methyl isoamyl ketone		1.55
Solvent	Xylene		8.75
Premix.			
Solvent	Xylene		4.60
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.05
Rheology modifier	BENTONE® 38	Elementis	0.25
Rheology modifier	TIXOGEL®-VP	BYK-Chemie	0.25
Mix until uniform paste prior to addition.			
Rheology modifier	AEROSIL® R 972	Evonik	0.45
Wetting and dispersing agent	ANTI-TERRA®-204	BYK-Chemie	0.50
Magnesium silicate	FINNTALC M15	Elementis	15.30
Barium sulfate	Albasoft 70	Sachtleben Minerals	16.45
Titanium dioxide	KRONOS® 2190	KRONOS	3.40
Anticorrosive pigment	Calcium Phosphate CP	Sudarshan	8.10
Carbon black pigment	Lamp black® 101	Orion Engineered Carbons	0.05
Grind with a bead mill.			
			88.50
Component B			
Curing agent	Versamid® 115	IMCD	8.05
Solvent	Xylene		3.45
Premix and add while stirring.			
			11.50
Mix components A and B thoroughly prior to use.			
			100.00
Specifications			
Vol.-% Anticorrosive pigment reg. pigment/filler			22.0
PVC in %			36.4
PVC / CPVC			0.7
Solids in %			69.8

Gf-SB04_009-01_01B

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.